

## SEQUENCE-SPECIFIC DNA BINDING BY P53

### ABSTRACT OF THE DISCLOSURE

Specific sequences in the human genome are the sites of strong binding of wild-type p53 protein, but not mutant forms of the protein. These sequences are used diagnostically to detect cells in which the amount of wild-type p53 is diminished. The sequences can also be used to screen for agents which correct for loss of wild-type p53 to DNA in cancer cells.

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